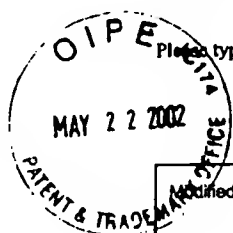


RECEIVED

JUN 28 2002



Please type a plus sign (+) in this box



TECH CENTER 1600/2900

PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0631-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/996,015
	Filing Date	11/28/2001
	First Named Inventor	Quinn
	Group Art Unit	1652
	Examiner Name	Not Yet Assigned - RAMIREZ
	Attorney Docket Number	15966-581 CIP

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
DL	B1	WO	98/39446	Human Genome Sciences, Inc.	09/11/1998		
↑	B2	WO	00/58473	CuraGen, Corp.	10/05/2000		
↓	B3	WO	01/10903	Incyte Genomics, Inc.	02/15/2001		
DL	B4	EP	1 067 182	Helix Res. Inst.	01/10/2001		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
DL	C1*	Brownstein, et al. (1980). "Synthesis, transport, and release of posterior pituitary hormones." <i>Science</i> 207(4429): 373-8.					
	C2*	DeCruz, et al. (1996). "The basis for somatic gene therapy of cancer." <i>J Exp Ther Oncol</i> 1(2): 73-83. ABSTRACT ONLY					
	C3*	Fricker and Leiter (1999). "Peptides, enzymes and obesity: new insights from a 'dead' enzyme." <i>Trends Biochem Sci</i> 24(10): 390-3.					
	C4*	EMBL Database Accession Number: Q61281 (11/01/96).					
	C5*	EMBL Database Accession Number: Q14113 (11/01/96).					
	C6*	EMBL Database Accession Number: O88442 (11/01/98).					
	C7*	Layne, et al. (1998). "Aortic carboxypeptidase-like protein, a novel protein with discoidin and carboxypeptidase-like domains, is up-regulated during vascular smooth muscle cell differentiation." <i>J Biol Chem</i> 273(25): 15654-60.					
	C8*	EMBL Database Accession Number: AF077738 (03/11/99).					
	C9*	GenBank Accession Number: Q9Z100 (05/01/99).					
	C10*	Lei, et al. (1999). "Identification of mouse CPX-1, a novel member of the metallopeptidase gene family with highest similarity to CPX-2." <i>DNA Cell Biol</i> 18(2): 175-85.					
	C11*	SWISS-PROT Database Accession Number: ALO35460 (10/01/00).					
	C12*	McGwire, et al. (1997). "Identification of a membrane-bound carboxypeptidase as the mammalian homolog of duck gp180, a hepatitis B virus-binding protein." <i>Life Sci</i> 60(10): 715-24.					
	C13*	Mulse and Ro (1999). "Enzymic characterization of a novel member of the regulatory B-like carboxypeptidase with transcriptional repression function: stimulation of enzymic activity by its target DNA." <i>Biochem J</i> 343 Pt 2: 341-5.					
DL	C14*	Nagg et al. (1995). "Hyperproinsulinaemia in obese fat/fat mice associated with a					

Dat of D posit: May 22, 2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
<i>ME</i>		carboxypeptidase E mutation which reduces enzyme activity." <i>Nat Genet</i> 10(2): 135-42. ABSTRACT ONLY
	C15*	Ohno, et al. (1996). "A cDNA cloning of human AEBP1 from primary cultured osteoblasts and its expression in a differentiating osteoblastic cell line." <i>Biochem Biophys Res Commun</i> 228(2): 411-4.
	C16*	Ollas, et al. (1996). "Heterologous expression of human vasopressin-neurophysin precursors in a pituitary cell line: defective transport of a mutant protein from patients with familial diabetes insipidus." <i>DNA Cell Biol</i> 15(11): 929-35.
	C17*	Rehli, et al. (1995). "Carboxypeptidase M is identical to the MAX.1 antigen and its expression is associated with monocyte to macrophage differentiation." <i>J Biol Chem</i> 270(26): 15644-9.
	C18*	Repaske and Browning (1994). "A de novo mutation in the coding sequence for neurophysin-II (Pro24->Leu) is associated with onset and transmission of autosomal dominant neurohypophyseal diabetes insipidus." <i>J Clin Endocrinol Metab</i> 79(2): 421-7.
	C19*	Sachs, et al. (1969). "Biosynthesis and release of vasopressin and neurophysin." <i>Recent Prog Horm Res</i> 25: 447-91.
	C20*	Saez, et al. (1997). "Inducible gene expression in mammalian cells and transgenic mice." <i>Curr Opin Biotechnol</i> 8(5): 608-16.
	C21*	Sawada and Kamataki (1998). "Genetically engineered cells stably expressing cytochrome P450 and their application to mutagen assays." <i>Mutat Res</i> 411(1): 19-43.
	C22*	Schmale, et al. (1984). "The mutant vasopressin gene from diabetes insipidus (Brattleboro) rats is transcribed but the message is not efficiently translated." <i>Embo J</i> 3(13): 3289-93.
	C23*	Seed (1987). "An LFA-3 cDNA encodes a phospholipid-linked membrane protein homologous to its receptor CD2." <i>Nature</i> 329(6142): 840-2. ABSTRACT ONLY
	C24*	Song and Fricker (1997). "Cloning and expression of human carboxypeptidase Z, a novel metallo-carboxypeptidase." <i>J Biol Chem</i> 272(16): 10543-50.
	C25*	Tan, et al. (1989). "Protamine inhibits plasma carboxypeptidase N, the inactivator of anaphylatoxins and kinins." <i>Anesthesiology</i> 70(2): 267-75.
	C26*	Vogel (1999). "Discoidin domain receptors: structural relations and functional implications." <i>Faseb J</i> 13(Suppl): S77-82.
	C27*	EMBL Database Accession Number: O54860 (06/01/98).
	C28*	Xin, et al. (1998). "Identification of mouse CPX-2, a novel member of the metallocarboxypeptidase gene family: cDNA cloning, mRNA distribution, and protein expression and characterization." <i>DNA Cell Biol</i> 17(10): 897-909.
	C29	EMBL Database Accession Number: Q9NUB5 (10/01/00).
<i>OK</i>	C30	International Search Report for PCT/US00/28364. Mailed on 7/26/2001. April 19, 2001

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/641,741, filed August 18, 2000, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	<i>DL</i>	Date Considered	1/18/2005
-----------------------	-----------	--------------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

RECEIVED

JUN 2 2002

TECH CENTER 1600/2900

Express Mail No.: EV 074978261 US

Date of Deposit: July 18, 2002

Page 1



Please place a plus sign (+) in this box

RECEIVED
JUL 28 2002
TECH CENTRE

PTO/SB (12-97)

Approved for use through 9/30/00 OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/996,015
	Filing Date	11/28/2001
	First Named Inventor	Quinn
	Group Art Unit	1652
	Examiner Name	Not Yet Assigned RAMIREZ
	Attorney Docket Number	15966-581 CIP

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date if Appropriate
OK	A1	5,460,951	10/24/95	Kawai, et al.			08/26/1993
OK	A2	6,140,098	10/31/00	Balasubramanian, et al.			08/30/1996

FOREIGN PATENT DOCUMENTS						
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	Translation No

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	1/18/2005
--------------------	--	-----------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.